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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/659,544

09/09/2003

Jung Chieh Lai

3065

25859

7590

04/09/2004

WEI TE CHUNG  
FOXCONN INTERNATIONAL, INC.  
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EXAMINER

LUEBKE, RENEE S

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 04/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/659,544

Applicant(s)

LAI &amp; KUO

Examiner

Renee S. Luebke

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6, 10-12, 14 and 15 is/are rejected.
- 7) ☒ Claim(s) 7-9, 13, 16 and 17 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>9/9/03</u> . | 6) <input type="checkbox"/> Other: ____.  |

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1. The drawings are objected to because in Fig. 2, reference numeral 143 apparently indicates two different structures. In addition, it is unclear how either of these corresponds to ports 135 as stated on the first line of page 4. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

2. Applicant is kindly requested to place the figures on the sheets so that they may be easily viewed with the pages in a vertical orientation.

3. The specification is objected to because of the use of non-standard grammar throughout. For example see the first sentence of paragraph 2. In addition, the standoffs of claim 11 are not found in the specification.

4. Claims 12, 13 and 15-17 are objected to because of the following informalities:

Contrary to claim 12 and 15, the side arms of the present invention do not extend *around* the walls.

On the first line of claims 13 and 16, it appears that -said-, or something similar, should be inserted after *wherein*.

Claim 17 lacks a period at the end.

Appropriate corrections are required.

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-5, 11, 12, 14 and 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Tung, et al. This electrical card connector comprises a terminal module 5, a shell 1 with an ejector 41 and a shutter mechanism 2. The shutter mechanism comprises a mounting member and a door 3. In regard to claim 2, the mounting member comprises a base plate 19 with arms 23; the arms are retained to the shell and to the ejector indirectly via the shell. In regard to claim 3, when the base plate is held vertically, the arm comprises a horizontal part 23 and a vertical part 231. In regard to claims 4 and 5, the edge of the recess 105 is seen to be a stopping projection, which engages the finger 231 of the arm. In regard to claim 11, the standoffs are shown in Fig. 5 (but not shown) on each side of the shell.

8. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tung. The claimed arrangement of the tab and opening is seen to be a reversal of the opening on the shell and the tab on the arm of Tung. As both arrangements are well known and commonly used, the rearrangement would have been obvious since it would work equally well regardless of the position or arrangement, and one skilled in the art would have been able to select the location based on aesthetic/environmental requirements/preferences.

9. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tung in view of Ho, et al. The door of Tung lacks a spring. However, the similar door of Ho comprises a spring with two fingers and arranged as claimed. It biases the door to a preferred position. For the same reason, it would have been obvious to include a spring on the door of Tung.

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10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The connector of Doye, et al. is a further example of a door used to cover a card opening.

11. Claims 7-9, 13, 16 and 17 would be allowable if rewritten to overcome the objections set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

12. Any response to this action may be mailed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

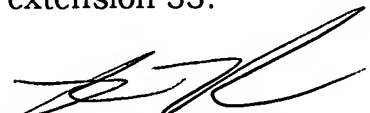
or faxed to:

(703) 872-9306.

13. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

14. Any inquiry concerning this communication from the examiner should be directed to Mrs. Renee Luebke whose telephone number is (571) 272-2009.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mrs. Paula Bradley, can be reached at (571) 272-2800, extension 33.



Renee S. Luebke  
Primary Patent Examiner  
April 2, 2004